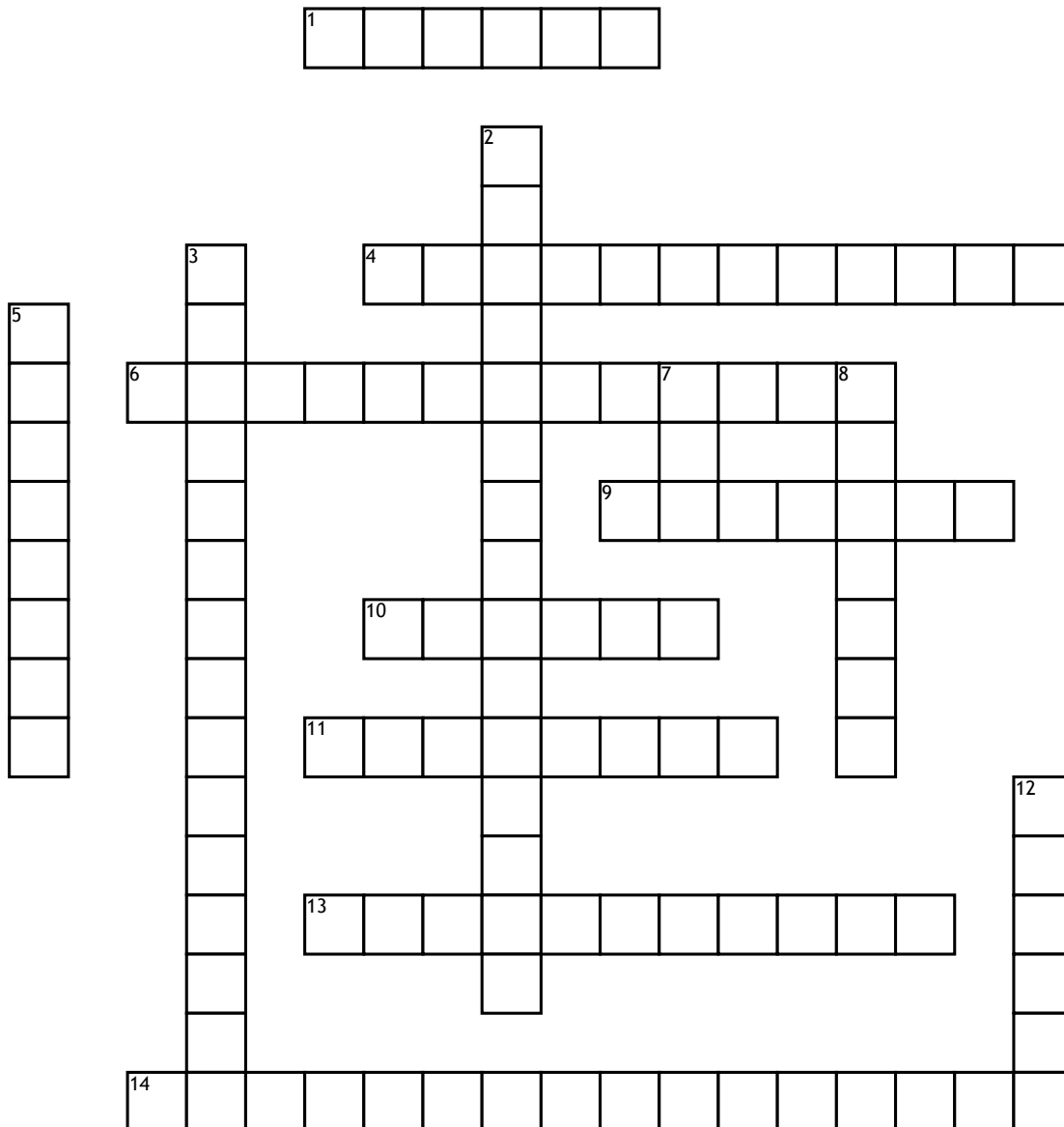


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chemistry



**Across**

- 1. A positively charged subatomic particle in the nucleus
- 4. A one or two letter notation used to represent an atom of a particular element
- 6. A table of elements, arranged in order of increasing atomic number
- 9. The very dense region consisting of protons and neutrons at the center of an atom
- 10. The row in a periodic table that classifies the elements by the number of atomic shells

- 11. A negatively charged subatomic particle in the electron cloud
- 13. Regions around the nucleus of an atom where electrons may be found
- 14. The number of electrons with which a given atom generally bonds or number of bonds an atom forms

**Down**

- 2. positively charged nucleus and the negatively charged electrons circling around \_\_, within an atom

- 3. What is H<sub>2</sub>O an example of...
- 5. Matter that is composed of 2 or more elements that are chemically combined
- 7. Abbreviation of atomic mass unit
- 8. A pure substance that cannot be separated into simpler substances by chemical or physical means
- 12. The columns on the periodic table that arranges the elements by the number of electrons that are in the outside shell